



USER'S MANUAL

Get out of the
**DANGER
ZONE**
with EZLIFT Rescue Systems

Disclaimer

This manual contains general instructions for the use, operation, and care of this product. The instructions are not all-inclusive. Safe and proper use of this product is solely at the discretion of the user. Safety information is provided as a service to the user. All other safety measures taken by the user should be within and under consideration of applicable regulations, site conditions and other factors at the scene. It is recommended that training on the proper use of this product be provided before using this product in an actual situation. Retain this manual and other documentation provided for future reference. Include it with the product in the event of transfer to new users. Additional copies are available from info@ezliftrescue.com or upon request from your sales representative.

Notice

The information disclosed in this manual is the property of EZ LIFT Rescue Systems, Inc., Park City, Utah. EZ LIFT Rescue Systems, Inc. reserves all patent rights, proprietary design rights, manufacturing rights, reproduction use rights, and sales use rights to all information disclosed within this manual.



www.EZLIFTRescue.com

© Copyright EZ LIFT Rescue Systems, Inc. All rights reserved.

EZ LIFT Rescue Systems, Inc.

PO BOX 980542

Park City, UTAH 84098

info@EZLIFTRescue.com

(435) 214-7141

SAFETY INFORMATION

The following warnings appear in this manual.



WARNING

Untrained operators can cause injury or be injured. Permit only trained personnel to operate the EZ LIFT Rescue System.

Improper use of the EZ LIFT Rescue System can cause injury. Use the EZ LIFT Rescue System only for the purpose described in this manual.

An unattended patient can be injured. Stay with the patient at all times.

An unrestrained patient can fall off the EZ LIFT Rescue System and be injured. Use restraints to secure the patient to the EZ LIFT Rescue System.

Helpers can cause injury or be injured. Maintain control of the EZ LIFT Rescue System and all personnel.

Improper maintenance can cause injury. Maintain the EZ LIFT Rescue System only as described in this manual.

Improper parts can cause injury. Use only authentic EZ LIFT Rescue Systems replacement parts.

IMPORTANT

Boxes like the one below emphasize important information

IMPORTANT

DO NOT attach lifting devices such as ropes or bridles to the EZ LIFT Rescue System handles or side rails. Always lift and carry the EZ LIFT Rescue System by hand grasping the hand holds. In heavy rescue situations, secure the backboard in a transport basket and attach any lifting devices only to the basket.

OPERATOR SKILLS AND TRAINING

Skills

- Operators should be trained rescuers, first responders, medical personnel or should have been trained properly on the use of the product.
- Operators need a working knowledge of emergency patient-handling procedures.
- Operators need the ability to assist the patient.
- Operators need a complete understanding of the procedures described in this manual.
- Operators should be in adequate physical condition to perform the tasks required.

Training

- Follow the training program designed by your training officer.
- Read this manual.
- Practice with the EZ LIFT Rescue System before using it in regular service.
- Keep training records.



WARNING!

Untrained operators can cause injury or be injured. Permit only trained personnel to operate the EZ LIFT Rescue System.

ABOUT THE EZ LIFT RESCUE SYSTEM

EZ LIFT Rescue System is an emergency patient handling device that is designed to provide rigid support while moving patients with suspected injuries of the spine, hip, pelvis and lower extremities.

EZ LIFT Rescue Systems are for professional use only. A minimum of two trained operators and two helpers is required. Additional help may be required with heavy loads. All models are constructed with glass-filled polypropylene, polyester strapping, and nylon internal parts.

The EZ LIFT Rescue System has extendable handles that allow FIRE / EMS responders to lift from a position at or above the knees. These handles can be used in either the extended or retracted position.

The EZ LIFT Rescue System can be used in a variety of configurations by giving FIRE / EMS personnel to address a wide variety of lift situations.

EZ LIFT Rescue System Specifications

- Handles on both ends of the EZ LIFT Rescue System can be operated in either the extended or retracted position.
- Oversize hand holds are featured on both ends of the board.
- Edges are angled for log rolling.
- Retractable handles use polyester (seat belt) webbing rated at 1,700 lbs. for each strap or 6,800 lbs per board to extend the point of lift from the ground to 15"(knee level) to ensure proper lifting position at or above the knees.
- The board weighs less than 22 lbs. and is optimized for low profile storage in Fire and EMS vehicles.
- Recommended maximum load for a two man carry is 400 lbs. 4 or more lifters are required to lift any patients that exceed 400 pounds in weight. The side hand-holds should be utilized in these lifts.
- At 74" x 18" x 2.75" thick, the EZ LIFT Rescue System is sized to store in the same space as a standard backboard, allowing Fire / EMS to simply replace the problem board with the EZ LIFT back-saving solution. EZ LIFT recommends two or three more EZ Lift Rescue System boards stored in the ambulance or fire truck compartment.
- Material is 100% X-Ray translucent throughout the patient bed; compatible with all imaging equipment except Magnetic Resonance Imaging (MRI).
- Ergonomically designed for patient comfort, stability; allows for un-weighting at typical pressure points.
- The EZ LIFT Rescue System supports many accessory options, including a snap-in head bed; a strapping system for patient immobilization; wheels for patient transport over rough terrain; footrest; SingleTrac Rescue System and accessories; and additional lifting straps.

USING THE EZ LIFT RESCUE SYSTEM

Before Placing the EZ LIFT Rescue System in Service

- Require that all personnel who will work with the EZ LIFT Rescue System read this manual.
- Inspect the EZ LIFT Rescue System and confirm it has been received in good working order (see Inspecting the EZ LIFT Rescue System, page 10).
- Your EZ LIFT Rescue System should arrive with the patient handling straps and head bed in place. Verify that they are attached to the board and operate correctly.

General Guidelines for Use

- Using the EZ LIFT Rescue System requires a minimum of two trained operators. Additional help may be needed for heavy patients (see Lifting Heavy Patients, page 8).
- Follow local emergency patient-handling procedures and protocols when using the EZ LIFT Rescue System.
- Stay with the patient at all times
- Always use the patient restraints (supplied).



WARNING!

DO NOT let go of the handles when they are in use. The unintentional retraction of the handles can cause injury!



Restraints and Head Bed

- Always use patient restraints. Use a head immobilizer and cervical collar as required by your local protocols.
- Each EZ LIFT Rescue System model has slots for hand holds, patient restraints, and head immobilizer straps. Use the restraint style(s) and configurations provided or selected by your service and required by local protocols.



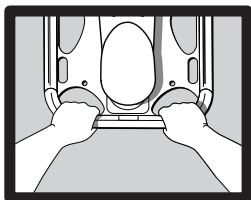
WARNING!

An unattended patient can be injured. Stay with the patient at all times.

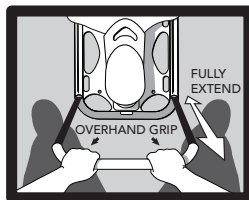
An unrestrained patient can fall off the EZ LIFT Rescue System and be injured. Use restraints to secure the patient to the EZ LIFT Rescue System.

Using the EZ LIFT Rescue System

- Follow local EMS stabilization guidelines and procedures before placing the patient onto the EZ LIFT Rescue System.
- Apply any appropriate cervical or extrication collars needed for head or back support.
- Follow local EMS procedures for applying the EZ LIFT Systems – just as any other backboard.
- Secure the patient to the EZ LIFT Rescue System with the supplied restraints.
NOTE: You can use a wide variety of patient immobilization strapping systems with the EZ LIFT Rescue System. A set of semi-disposable patient immobilization straps are provided with each system.
- Confirm that the restraints are properly configured and are securely fastened.
- The EZ LIFT Rescue System handles can be used in either extended or fixed position.
- To use the handles in a fixed position (as a traditional backboard), grip the ENTIRE handle assembly including the handle and board grip. (fig. 1)
- To use the handle in the extended position, grip the handle and extend to the end of the strap. DO NOT JERK THE HANDLE. Once the handle is fully extended, grip the handle using an overhand grip. Hold the handle as close to your body as possible – against your body at or above the knees is optimal. (fig. 2) ALWAYS lift with your legs – and hips. ALWAYS look your partner in the eye while lifting.
- If you place the EZ LIFT Rescue System / patient on a cot for transport, secure the EZ LIFT Rescue System to the cot using the cot restraints.



(fig. 1)



(fig. 2)

Lifting Heavy Patients

- When using additional help, trained operators should maintain control of the EZ LIFT Rescue System and direct all helpers.
- Use as many helpers as necessary to safely lift and carry the weight of the EZ LIFT Rescue System and patient. (Patients weighing more than 400lbs require at least four lifters, one person on each side and ends.)



WARNING!

Helpers can cause injury or be injured. Maintain control of the EZ LIFT Rescue System and all personnel.

MAINTENANCE

Required Maintenance Schedule

The EZ LIFT Rescue System requires regular maintenance. Set up and follow a maintenance schedule.

- Inspect EZ LIFT Rescue System retraction webbing after every use.
- Replace retraction webbing on handles every 2 years. Sooner if any wear or damage is detected.

IMPORTANT

DO NOT attempt to repair the EZ LIFT Rescue System except to replace the webbing as required. Repairs to the EZ LIFT Rescue System can cause unpredictable performance and will void the warranty.

Disinfecting the EZ LIFT Rescue System

- Wipe or spray all surfaces of the EZ LIFT Rescue System with disinfectant. Follow the manufacturer's directions.
- EZ LIFT recommends inspecting your EZ LIFT Rescue System for obvious damage as you disinfect it.

Cleaning the EZ LIFT Rescue System

- Clean all surfaces of the EZ LIFT Rescue System with warm water and a mild detergent. If necessary use a stiff nylon bristle brush (NOT a wire brush).
- Rinse the EZ LIFT Rescue System with warm water, pulling out the extendable handle to ensure the handle and webbing are clean.
- Dry the EZ LIFT Rescue System with a towel or allow it to air dry.

Inspecting the EZ LIFT Rescue System

Always check the following:

- Is the board free of cracks, crevices, and punctures?
- Do the handles extend and retract freely with no interference?
- Does the handle fit properly in the end of the EZ LIFT Rescue System?
- Does the webbing show any signs of wear?

If the inspection shows damage or wear to any part of the EZ LIFT Rescue System or any components, remove it from service and store it in a secure area where it cannot be accessed for use. Webbing used on the extendable handles is replaceable. For all replacement parts, please contact EZ LIFT Rescue Systems.



WARNING!

Improper maintenance can cause injury. Maintain the EZ LIFT Rescue System only as described in this manual

Improper parts can cause injury. Use only authentic EZ LIFT Rescue System replacement parts.

EZ LIFT RESCUE SYSTEMS CUSTOMER SERVICE

At EZ LIFT Rescue Systems we pride ourselves on providing superior customer service and product support. For any assistance please contact one of our customer care representatives at:

(435) 214-7141

CustomerService@EZLIFTRescue.com

LIMITED WARRANTY

EZ LIFT Rescue Systems Limited Warranty Summary

All EZ LIFT Rescue Systems Products are warranted free from defects in material and workmanship for two years, except:

- Soft goods (patient immobilization straps, head bed, and head strap), are warranted for 30 days
- Repairs are warranted for 90 days from the date of repair.
- EZ Lift Rescue Systems will accept returned product during the warranty period and, at our option, may:
 - Repair damage;
 - Replace the product; or
 - Refund the original purchase price of the product.

This limited warranty applies only when the product is used as described in the instructions provided. The warranty for the product begins when the product is shipped from EZ LIFT Rescue Systems or when you receive it and have proof of delivery. Shipping charges are not covered by this limited warranty. EZ LIFT Rescue Systems is not liable for damage to the product during shipping or for damages sustained through improper use of the product.

ADDITIONAL INFORMATION

Patient Immobilization Straps

EZ LIFT Rescue Systems provides a full set of accessories for your use including a patient immobilization strapping system.

IMPORTANT

Important! Read all instructions thoroughly before using the EZ LIFT Rescue System and Patient Immobilization Straps!

The EZ LIFT Rescue System and Patient Immobilization Straps should be used only by qualified and properly trained personnel. All persons using this strap should practice its application and be thoroughly familiar with all medical protocols and aspects of its use before using. These instructions are provided as a guide only. Use protocols and techniques established by your local medical control.

Description/Intended Use

EZ LIFT Rescue System and Patient Immobilization Straps are constructed by combining nylon, polypropylene or vinyl coated polyester webbing with miscellaneous buckles and end styles to form a two or three piece strap. EZ LIFT Rescue System Patient Immobilization straps are intended to be used by qualified and properly trained personnel to help secure a patient's body to an EZ LIFT Rescue System, stretcher, cot or backboard.



WARNING!

An unrestrained patient can fall off the EZ LIFT Rescue System and be injured. Use restraints to secure the patient to the EZ LIFT Rescue System.



WARNING!

An unattended patient can be injured. Stay with the patient at all times.

Inspect strap before each use. **Destroy and discard if you observe:**

- Broken Stitching
- Frayed or cut fabric
- Broken, cracked or deteriorated buckles, rings, closures, or other types of connectors

NOTE: Use of Patient Immobilization Straps with these conditions could result in product failure resulting in serious injury or death.

- Make sure that strap is the proper size for the patient.
- Make certain the strap is not too tight or too loose. You should be able to place four fingers, with your hand flat, between the patient's body and the strap.

Instruction for two or three-piece Patient Immobilization Straps

Make sure patient is lying flat on the EZ LIFT Rescue System. Secure Loop-Lok™ on the frame of the EZ LIFT Rescue System (see instruction below). Connect buckle (see buckle instruction, page 14). Tighten strap to secure. Do not over-tighten to assure adequate circulation.

Instructions for Loop-Lok™ End

To Secure: Wrap loop around slots in the EZ LIFT Rescue System or around handhold in the EZ LIFT Rescue System. Thread buckle and strap through loop to secure.

To Release: Unthread the strap from the loop to release.

Instruction for buckles

To Secure: Push male connector into female connector until clicking sound is heard.

To Release: Press side of closure, and pull apart to release.

Cleaning instructions for Patient Immobilization Straps

Strapping system is machine washable

Destroy and discard straps after use if they become contaminated, soiled or show any sign of wear. **DO NOT** reuse the strap or any components of the strap once it has been damaged or contaminated.

HEAD IMMOBILIZATION SYSTEM

EZ LIFT Rescue Systems includes a head immobilization system which consists of a disposable head bed and disposable self adhesive head/chin straps that are easy and quick to apply. This product is intended as an aid in immobilization. **Use protocols and techniques established by your local medical control to completely immobilize and prevent movement of the spinal column.**

IMPORTANT

Important! Read all instructions thoroughly before using the EZ LIFT Rescue System, Head Bed and Head Straps!

The EZ LIFT Rescue System, Head Bed and Head Strap should be used only by qualified and properly trained personnel. All persons using this product should practice its application and be thoroughly familiar with all medical protocols and aspects of its use before using. These instructions are provided as a guide only.

Installing the Head Bed

The head bed attaches to the EZ LIFT Rescue System with small arrow clips (included). The clips are a pressure fit; just insert the clip through each of the two holes in the head bed. Position the head bed on the EZ LIFT Rescue System where it fits the patient best and push the arrow clips into the board. (Fig. 1)

The EZ LIFT Rescue System Head Bed is intended to “live” on the board so you won’t have to install it at the accident or trauma scene. Always remember to replace the head bed with a new EZ LIFT Rescue System Head Bed after each use.

When you are finished with the head bed simply pull the clips out and dispose of the clips and the head bed.

Head Straps

Head and chin straps are used as an aid to secure the patients head and neck.

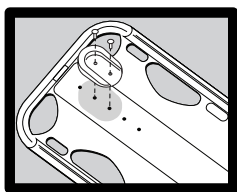
Use protocols and techniques established by your local medical control to completely immobilize and prevent movement of the spinal column.

After placing the patient onto the EZ LIFT Rescue System, make sure the patients head is centered in the pre-installed head bed. Proper placement is critical to ensure that the head is centered and maintained a neutral position. (Fig. 2)

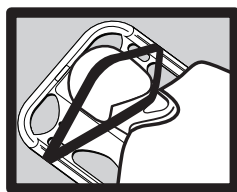
Remove the protective backing from the head strap, adhere to the patient’s forehead or helmet. Anchor the ends of the Head Straps to the EZ LIFT Rescue System as illustrated in (Fig. 2) Supplemental restraint may be provided by the additional chin strap.

IMPORTANT

Important! Neither EZ LIFT Rescue Systems nor its agents may be held responsible for the use or misuse of this product!



(Fig. 1)



(Fig. 2)



EZ LIFT Rescue System Accessories

| Item | Part Code. |
|-------------------------------------------------------------|----------------------|
| Foam Head Bed | FHB |
| Head Straps | HS |
| Head Bed and Strap Set | FHB SET |
| Patient Immobilization Straps (4) | PIS |
| Knee Wedge | KW |
| Replacement Handles (2) | Handle SET |
| Replacement Rails (2) | Rail SET |
| Replacement Handles & Rails (Full EZLRS replacement SET) | Handle & Rail SET |
| Users Manual | UM2012 |

To order Accessories or for Customer Service please contact us at:

EZ LIFT Rescue Systems, Inc.
PO BOX 980542
Park City, UTAH 84098
CustomerService@EZLIFTRescue.com
(435) 214-7141